

IN THE CLAIMS

55. (amended) The method of Claim 54, wherein said caller identification [identification] information is transmitted as voice signal data from said telephone answering apparatus to said paging network.

Please add the following new Claims 57 – 188:

-- 57. A method of communicating information from a calling party to a called party comprising the steps of:

providing a portable communication device to said called party which is identified in a paging network;

initiating communication between said calling party and a telephone answering apparatus through a telephone network;

receiving voice signal caller identification data automatically supplied from said telephone network to said telephone answering apparatus;

transmitting said voice signal caller identification data from said telephone answering apparatus to said paging network; and

receiving said voice signal caller identification data transmitted from said paging network at said portable communication device.

58 The method of Claim 57, wherein said voice signal caller identification data is transmitted from said telephone answering apparatus to said paging network over a direct connection.

59 The method of Claim 57, wherein said voice signal caller identification data is transmitted from said telephone answering apparatus to said paging network over said telephone network.

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60. The method of Claim 57, wherein said voice signal caller identification data is representative of the originating telephone number of the calling party.

61. The method of Claim 57, wherein said voice signal caller identification data is compressed prior to said step of receiving at said portable communication device.

62. The method of Claim 57, wherein said voice signal caller identification data is encrypted prior to said step of receiving at said portable communication device.

63. The method of Claim 57, wherein said step of transmitting voice signal caller identification data includes verification from the calling party prior to transmission to said paging network.

64. The method of Claim 57, wherein said step of transmitting voice signal caller identification data includes the entry of optional data from the calling party prior to transmission to said paging network.

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65. The method of Claim 64, wherein said optional data is comprised of at least one of a voice, video, image or textual message.

66. The method of Claim 64, wherein said optional data is comprised of at least one of a voice or video message which is transmitted to said portable communication device with said voice signal caller identification data.

67. The method of Claim 64, further comprising the steps of:

storing said voice signal caller identification data and said optional data in contiguous memory locations in at least one of said telephone answering apparatus, said paging network, or said portable communication device.

68. The method of Claim 64, comprising the step of:

storing said voice signal caller identification data and said optional data in associated non-contiguous memory locations in at least one of said telephone answering apparatus, said paging network, or said portable communication device.

SUPPLEMENTAL RESPONSE

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69. The method of Claim 57, wherein said voice signal caller identification data is transferred from said telephone answering apparatus to said paging network utilizing said telephone network.

70. The method of Claim 69, wherein said telephone answering apparatus, after receiving said voice signal caller identification data, initiates a call to said paging network utilizing said telephone network.

71. The method of Claim 70, wherein said telephone answering apparatus includes at least two lines connected to said telephone network, and wherein said call to said paging network is initiated before said calling party hangs up.

72. The method of Claim 57, wherein said telephone answering apparatus compares said received voice signal caller identification data with information stored in an associated memory, and wherein said voice signal caller identification data is selectively transmitted to said paging network only based upon a result of said comparison.

73. The method of Claim 72, wherein said voice signal caller identification data is transmitted to said paging network only if said received voice signal caller identification data matches an entry in said associated memory.

74. The method of Claim 57, wherein said paging network compares said received voice signal caller identification data with information stored in an associated memory, and wherein said voice signal caller identification data is selectively transmitted to said portable communication device only based upon a result of said comparison.

75. The method of Claim 74, wherein said voice signal caller identification data is transmitted to said portable communication device only if said received voice signal caller identification data matches an entry in said associated memory.

76. The method of Claim 57, further comprising the step of:

at said portable communication device, annunciating said voice signal caller identification data.

77. The method of Claim 76, further comprising the step of:

simultaneously displaying other data associated with said voice signal caller identification data on a display of said portable communication device.

78. The method of Claim 57, further comprising the steps of:

within said portable communication device, storing said received voice signal caller identification data; and

initiating a new connection over said telephone network by transmitting said stored voice signal caller identification data to said telephone network.

79. The method of Claim 57, further comprising the steps of:

within said portable communication device, storing said received voice signal caller identification data; and

initiating a new connection over a cellular telephone network by transmitting said stored voice signal caller identification data to said cellular telephone network.

80. The method of Claim 57, wherein said portable communication device comprises a combined cellular telephone device and pager device.

81. The method of Claim 80, wherein said paging network transmits said voice signal caller identification data to said portable communication device utilizing a cellular communication network.

82. The method of Claim 57, further comprising the steps of:

indicating to said called party that a message has been received;

accepting a password entered by said called party into said portable communication device; and

providing at least said voice signal caller identification data to said called party only upon entry of a valid password.

83. The method of Claim 57, wherein said portable communication device comprises a portable computing device having radio communications capabilities.

84. The method of Claim 83, wherein said portable computing device comprises a personal digital assistant.

85. The method of Claim 83, wherein said portable computing device has two-way radio communications capabilities.

86. A method of communicating information from a calling party to a called party comprising the steps of:

providing a portable communication device to said called party which is identified in a paging network;

initiating communication between said calling party and a telephone answering apparatus through the telephone network;

receiving caller identification data automatically supplied from said telephone network to said telephone answering apparatus;

applying said caller identification data received to a voice synthesizer unit to generate voice signals representative of said caller identification data at said telephone answering apparatus;

transmitting said voice signals representative of said caller identification data from said telephone answering apparatus to said paging network; and

receiving said voice signals representative of said caller identification data transmitted from said paging network at said portable communication device.

87. The method of Claim 86, wherein said voice signals representative of said caller identification data are transmitted from said telephone answering apparatus to said paging network over a direct connection.

88. The method of Claim 86, wherein said voice signals representative of said caller identification data are transmitted from said telephone answering apparatus to said paging network over said telephone network.

89. The method of Claim 86, wherein said caller identification data automatically supplied from the telephone network comprises numeric data.

90. The method of Claim 86, wherein said caller identification data automatically supplied from said telephone network comprises alphanumeric data.

91. The method of Claim 86, wherein said caller identification data automatically supplied from said telephone network comprises FSK data.

92. The method of Claim 86, wherein said caller identification data automatically supplied from said telephone network comprises ISDN data.

93. The method of Claim 86, wherein said voice signals representative of said caller identification data are compressed prior to said step of receiving at said portable communication device.

94. The method of Claim 86, wherein said voice signals representative of said caller identification data are encrypted prior to said step of receiving at said portable communication device.

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*Concluded*  
95. The method of Claim 86, wherein said step of transmitting voice signals representative of caller identification data includes verification from the calling party prior to transmission to said paging network.

96. The method of Claim 86, wherein said step of transmitting voice signals representative of said caller identification data includes the entry of optional data from the calling party prior to transmission to said paging network.

97. The method of Claim 96, wherein said optional data is comprised of at least one of a voice, video, image or textual message.

98. The method of Claim 97, wherein said optional data is compressed prior to said step of receiving at said portable communication device.

99. The method of Claim 97, wherein said optional data is encrypted prior to said step of receiving at said portable communication device.

100. The method of Claim 96, wherein said optional data is comprised of a voice or video message which is transmitted to said portable communication device with said voice signals representative of caller identification data.

101. The method of Claim 100, wherein said optional data is compressed prior to said step of receiving at said portable communication device.

102. The method of Claim 100, wherein said optional data is encrypted prior to said step of receiving at said portable communication device.

103. The method of Claim 86, wherein said telephone answering apparatus comprises a personal computer, and wherein said voice synthesizer unit comprises a DSP.

104. The method of Claim 96, further comprising the steps of:

storing said voice signal caller identification data and said optional data in contiguous memory locations in said telephone answering apparatus.

105. The method of Claim 96, comprising the step of:

*Do not* storing said voice signal caller identification data and said optional data in associated non-contiguous memory locations in said telephone answering apparatus.

106. The method of Claim 96, further comprising the steps of:

storing said voice signals representative of caller identification data and said optional data in contiguous memory locations in at least one of said paging network and said personal communication device.

107. The method of Claim 96, further comprising the steps of:

storing said voice signals representative of caller identification data and said optional data in non-contiguous memory locations in at least one of said paging network and said personal communication device.

108. The method of Claim 86, wherein said telephone answering apparatus, after receiving said caller identification data, initiates a call to said paging network utilizing said telephone network.



109. The method of Claim 108, wherein said telephone answering apparatus includes at least two lines connected to said telephone network, and wherein said call to said paging network is initiated before said calling party hangs up.

110. The method of Claim 86, wherein said telephone answering apparatus compares said received caller identification data with information stored in an associated memory, and wherein said voice signals representative of said caller identification data are selectively transmitted to said paging network only based upon a result of said comparison.

111. The method of Claim 110, wherein said voice signals representative of said caller identification information are transmitted to said paging network only if said received caller identification data matches an entry in said associated memory.

*Defendant*  
112. The method of Claim 86, wherein said telephone answering apparatus compares said received caller identification data with information stored in an associated memory, and wherein said voice signals representative of said caller identification data are selectively applied to said voice synthesizer unit and transmitted to said paging network only based upon a result of said comparison.

113. The method of Claim 86, further comprising the step of:

at said portable communication device, annunciating said voice signals representative of said caller identification data.

114. The method of Claim 113, further comprising the step of:

simultaneously displaying said caller identification data on a display of said portable communication device.

115. The method of Claim 86, further comprising the steps of:

within said portable communication device, storing said received voice signals representative of said caller identification data; and

initiating a new connection over said telephone network by transmitting said stored voice signals representative of said caller identification data to said telephone network.

116. The method of Claim 86, further comprising the steps of:

within said portable communication device, storing said received voice signals representative of said caller identification data; and

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initiating a new connection over a cellular telephone network by transmitting said stored voice signals representative of said caller identification data to said cellular telephone network.

117. The method of Claim 86, wherein said portable communication device comprises a combined cellular telephone device and pager device.

118. The method of Claim 117, wherein said paging network transmits said voice signals representative of said caller identification data to said portable communication device utilizing a cellular communication network.

119. The method of Claim 86, further comprising the steps of:

indicating to said called party that a message has been received;

accepting a password entered by said called party into said portable communication device; and

providing at least said voice signals representative of said caller identification data to said called party only upon entry of a valid password.

120. The method of Claim 86, wherein said portable communication device comprises a portable computing device having radio communications capabilities.

121. The method of Claim 120, wherein said portable computing device comprises a personal digital assistant.

122. The method of Claim 120, wherein said portable computing device has two-way radio communications capabilities.

123. A method of communicating information from a calling party to a called party comprising the steps of:

providing a portable communication device to said called party which is identified in a paging network;

initiating communication between said calling party and a telephone answering apparatus through the telephone network;

receiving caller identification data automatically supplied from said telephone network to said telephone answering apparatus;

transmitting said caller identification data from said telephone answering apparatus to said paging network utilizing said telephone network;

applying said caller identification data to a voice synthesizer unit to generate voice signals representative of said caller identification data at said paging network;

receiving said voice signals representative of said caller identification data transmitted from said paging network at said portable communication device.

124. The method of Claim 123, wherein said caller identification data is transmitted from said telephone answering apparatus to said paging network over a direct connection.

125. The method of Claim 123, wherein said caller identification data is transmitted from said telephone answering apparatus to said paging network over said telephone network.

126. The method of Claim 123, wherein said caller identification data automatically supplied from the telephone network comprises numeric data.

127. The method of Claim 123, wherein said caller identification data automatically supplied from said telephone network comprises alphanumeric data.

128. The method of Claim 123, wherein said caller identification data automatically supplied from said telephone network comprises FSK data.

129. The method of Claim 123, wherein said caller identification data automatically supplied from said telephone network comprises ISDN data.

130. The method of Claim 123, wherein said step of transmitting said caller identification data from said telephone answering apparatus to said paging network is performed using DTMF signaling.

131. The method of Claim 123, wherein said voice signals representative of said caller identification data are compressed prior to said step of receiving at said portable communication device.

132. The method of Claim 123, wherein said voice signals representative of said caller identification data are encrypted prior to said step of receiving at said portable communication device.

133. The method of Claim 123, wherein said step of transmitting said caller identification data includes verification from the calling party prior to transmission to said paging network.

134. The method of Claim 123, wherein said step of transmitting said caller identification data includes the entry of optional data from the calling party prior to transmission to said paging network.

135. The method of Claim 134, wherein said optional data is comprised of at least one of a voice, video, image or textual message.

136. The method of Claim 135, wherein said optional data is compressed prior to said step of receiving at said portable communication device.

137. The method of Claim 135, wherein said optional data is encrypted prior to said step of receiving at said portable communication device.

138. The method of Claim 134, wherein said optional data is comprised of a voice or video message which is transmitted to said portable communication device with said voice signals representative of caller identification data.

139. The method of Claim 138, wherein said optional data is compressed prior to said step of receiving at said portable communication device.

140. The method of Claim 138, wherein said optional data is encrypted prior to said step of receiving at said portable communication device.

141. The method of Claim 134, further comprising the steps of:

storing said voice signals representative of said caller identification information and said optional data in contiguous memory locations in said portable communication device.

142. The method of Claim 134, comprising the step of:

storing said voice signals representative of said caller identification information and said optional data in associated non-contiguous memory locations in said portable communication device.

143. The method of Claim 123, wherein said telephone answering apparatus, after receiving said caller identification data, initiates a call to said paging network utilizing said telephone network.

144. The method of Claim 143, wherein said telephone answering apparatus includes at least two lines connected to said telephone network, and wherein said call to said paging network is initiated before said calling party hangs up.

145. The method of Claim 123, wherein said telephone answering apparatus compares said received caller identification data with information stored in an associated memory, and wherein said caller identification data is selectively transmitted to said paging network only based upon a result of said comparison.

146. The method of Claim 145, wherein said caller identification data is transmitted to said paging network only if said received caller identification data matches an entry in said associated memory.

147. The method of Claim 123, further comprising the step of:

at said portable communication device, annunciating said voice signals representative of said caller identification data.

148. The method of Claim 147, further comprising the step of:

simultaneously displaying said caller identification data on a display of said portable communication device.

149. The method of Claim 123, further comprising the steps of:

within said portable communication device, storing said received voice signals representative of said caller identification data; and

initiating a new connection over said telephone network by transmitting said stored voice signals representative of said caller identification data to said telephone network.

150. The method of Claim 123, further comprising the steps of:

within said portable communication device, storing said received voice signals representative of said caller identification data; and

initiating a new connection over a cellular telephone network by transmitting said stored voice signals representative of said caller identification data to said cellular telephone network.

151. The method of Claim 123, wherein said portable communication device comprises a combined cellular telephone device and pager device.

152. The method of Claim 151, wherein said paging network transmits said voice signals representative of said caller identification data to said portable communication device utilizing a cellular communication network.

153. The method of Claim 123, further comprising the steps of:

indicating to said called party that a message has been received;

accepting a password entered by said called party into said portable communication device; and

providing at least said voice signals representative of said caller identification data to said called party only upon entry of a valid password.

154. The method of Claim 123, wherein said portable communication device comprises a portable computing device having radio communications capabilities.

155. The method of Claim 154, wherein said portable computing device comprises a personal digital assistant.

156. The method of Claim 154, wherein said portable computing device has two-way radio communications capabilities.



157. A method of communicating information from a calling party to a called party comprising the steps of:

providing a portable communication device to said called party which is identified in a paging network;

initiating communication between said calling party and a telephone answering apparatus through the telephone network;

receiving caller identification data automatically supplied from said telephone network to said telephone answering apparatus;

transmitting said caller identification data from said telephone answering apparatus to said paging network utilizing said telephone network;

receiving said caller identification data transmitted from said paging network at said portable communication device, and

applying said caller identification data to a voice synthesizer unit to generate voice signals representative of said caller identification data at said portable communication device.

158. The method of Claim 157, wherein said caller identification data is transmitted from said telephone answering apparatus to said paging network over a direct connection.

159. The method of Claim 157, wherein said caller identification data is transmitted from said telephone answering apparatus to said paging network over said telephone network.

160. The method of Claim 157, wherein said caller identification data automatically supplied from the telephone network comprises numeric data.

161. The method of Claim 157, wherein said caller identification data automatically supplied from said telephone network comprises alphanumeric data.

162. The method of Claim 157, wherein said caller identification data automatically supplied from said telephone network comprises FSK data.

163. The method of Claim 157, wherein said caller identification data automatically supplied from said telephone network comprises ISDN data.

164. The method of Claim 157, wherein said step of transmitting said caller identification data from said telephone answering apparatus to said paging network is performed using DTMF signaling.

165. The method of Claim 157, wherein said step of transmitting said caller identification data includes verification from the calling party prior to transmission to said paging network.

166. The method of Claim 157, wherein said step of transmitting said caller identification data includes the entry of optional data from the calling party prior to transmission to said paging network.

167. The method of Claim 157, wherein said optional data is comprised of at least one of a voice, video, image or textual message.

168. The method of Claim 167, wherein said optional data is compressed prior to said step of receiving at said portable communication device.

169. The method of Claim 167, wherein said optional data is encrypted prior to said step of receiving at said portable communication device.

170. The method of Claim 166, wherein said optional data is comprised of a voice or video message which is transmitted to said portable communication device with said caller identification data.

171. The method of Claim 170, wherein said optional data is compressed prior to said step of receiving at said portable communication device.

172. The method of Claim 170, wherein said optional data is encrypted prior to said step of receiving at said portable communication device.

173. The method of Claim 166, further comprising the steps of:

storing said caller identification information and said optional data in contiguous memory locations in said portable communication device.

174. The method of Claim 166, comprising the step of:

storing said caller identification information and said optional data in associated non-contiguous memory locations in said portable communication device.

175. The method of Claim 157, wherein said telephone answering apparatus, after receiving said caller identification data, initiates a call to said paging network utilizing said telephone network.

176. The method of Claim 175, wherein said telephone answering apparatus includes at least two lines connected to said telephone network, and wherein said call to said paging network is initiated before said calling party hangs up.

177. The method of Claim 157, wherein said telephone answering apparatus compares said received caller identification data with information stored in an associated memory, and wherein said caller identification data is selectively transmitted to said paging network only based upon a result of said comparison.

178. The method of Claim 177, wherein said caller identification data is transmitted to said paging network only if said received caller identification data matches an entry in said associated memory.

179. The method of Claim 157, further comprising the step of:

at said portable communication device, annunciating said voice signals representative of said caller identification data.

180. The method of Claim 179, further comprising the step of:

simultaneously displaying said caller identification data on a display of said portable communication device.

181. The method of Claim 157, further comprising the steps of:

within said portable communication device, storing said voice signals representative of said caller identification data; and

initiating a new connection over said telephone network by transmitting said stored voice signals representative of said caller identification data to said telephone network.

*Dante* 182. The method of Claim 157, further comprising the steps of:

within said portable communication device, storing said voice signals representative of said caller identification data; and

initiating a new connection over a cellular telephone network by transmitting said stored voice signals representative of said caller identification data to said cellular telephone network.

183. The method of Claim 157, wherein said portable communication device comprises a combined cellular telephone device and pager device.

184. The method of Claim 183, wherein said paging network transmits said caller identification data to said portable communication device utilizing a cellular communication network.

## CLEAN CLAIMS

Claims 1 – 53 previously cancelled.

54. (amended) A method of communicating information from a calling party to a called party utilizing a paging network, a telephone answering apparatus, and a telephone network, said information including at least caller identification information comprised of voice signal data representative of the identity of said calling party, comprising the steps of:

providing a portable communication device identified in said paging network to said called party;

initiating communication between said calling party and said paging network through said telephone network and said telephone answering apparatus;

within said telephone answering apparatus, automatically detecting from said telephone network caller-id information representing a telephone number of said calling party;

passing information identifying said calling party from said telephone answering apparatus to said paging network; and

transmitting to said called party portable communication device at least said caller identification information voice signal data from said telephone answering apparatus to said paging network.

55. (amended) The method of Claim 54, wherein said caller identification [identification] information is transmitted as voice signal data from said telephone answering apparatus to said paging network.

56. The method of Claim 54, wherein said caller identification information is transmitted from said telephone answering apparatus to said paging network as digital data, and further comprising the step of:

within the paging network, converting said caller identification information from digital data to voice signal data before transmitting said voice signal data to said called party portable communication device.

New claims:

57. A method of communicating information from a calling party to a called party comprising the steps of:

providing a portable communication device to said called party which is identified in a paging network;

initiating communication between said calling party and a telephone answering apparatus through a telephone network;

receiving voice signal caller identification data automatically supplied from said telephone network to said telephone answering apparatus;

transmitting said voice signal caller identification data from said telephone answering apparatus to said paging network; and

receiving said voice signal caller identification data transmitted from said paging network at said portable communication device.

58 The method of Claim 57, wherein said voice signal caller identification data is transmitted from said telephone answering apparatus to said paging network over a direct connection.

59 The method of Claim 57, wherein said voice signal caller identification data is transmitted from said telephone answering apparatus to said paging network over said telephone network.

60. The method of Claim 57, wherein said voice signal caller identification data is representative of the originating telephone number of the calling party.

61. The method of Claim 57, wherein said voice signal caller identification data is compressed prior to said step of receiving at said portable communication device.

62. The method of Claim 57, wherein said voice signal caller identification data is encrypted prior to said step of receiving at said portable communication device.

63. The method of Claim 57, wherein said step of transmitting voice signal caller identification data includes verification from the calling party prior to transmission to said paging network.

64. The method of Claim 57, wherein said step of transmitting voice signal caller identification data includes the entry of optional data from the calling party prior to transmission to said paging network.

65. The method of Claim 64, wherein said optional data is comprised of at least one of a voice, video, image or textual message.

66. The method of Claim 64, wherein said optional data is comprised of at least one of a voice or video message which is transmitted to said portable communication device with said voice signal caller identification data.

67. The method of Claim 64, further comprising the steps of:

storing said voice signal caller identification data and said optional data in contiguous memory locations in at least one of said telephone-answering apparatus, said paging network, or said portable communication device.

68. The method of Claim 64, comprising the step of:

storing said voice signal caller identification data and said optional data in associated non-contiguous memory locations in at least one of said telephone answering apparatus, said paging network, or said portable communication device.

69. The method of Claim 57, wherein said voice signal caller identification data is transferred from said telephone answering apparatus to said paging network utilizing said telephone network.

70. The method of Claim 69, wherein said telephone answering apparatus, after receiving said voice signal caller identification data, initiates a call to said paging network utilizing said telephone network.

71. The method of Claim 70, wherein said telephone answering apparatus includes at least two lines connected to said telephone network, and wherein said call to said paging network is initiated before said calling party hangs up.

72. The method of Claim 57, wherein said telephone answering apparatus compares said received voice signal caller identification data with information stored in an associated memory, and wherein said voice signal caller identification data is selectively transmitted to said paging network only based upon a result of said comparison.

73. The method of Claim 72, wherein said voice signal caller identification data is transmitted to said paging network only if said received voice signal caller identification data matches an entry in said associated memory.

74. The method of Claim 57, wherein said paging network compares said received voice signal caller identification data with information stored in an associated memory, and wherein said voice signal caller identification data is selectively transmitted to said portable communication device only based upon a result of said comparison.

75. The method of Claim 74, wherein said voice signal caller identification data is transmitted to said portable communication device only if said received voice signal caller identification data matches an entry in said associated memory.

76. The method of Claim 57, further comprising the step of:  
at said portable communication device, annunciating said voice signal caller identification data.
77. The method of Claim 76, further comprising the step of:  
simultaneously displaying other data associated with said voice signal caller identification data on a display of said portable communication device.
78. The method of Claim 57, further comprising the steps of:  
within said portable communication device, storing said received voice signal caller identification data; and  
initiating a new connection over said telephone network by transmitting said stored voice signal caller identification data to said telephone network.
79. The method of Claim 57, further comprising the steps of:  
within said portable communication device, storing said received voice signal caller identification data; and  
initiating a new connection over a cellular telephone network by transmitting said stored voice signal caller identification data to said cellular telephone network.
80. The method of Claim 57, wherein said portable communication device comprises a combined cellular telephone device and pager device.
81. The method of Claim 80, wherein said paging network transmits said voice signal caller identification data to said portable communication device utilizing a cellular communication network.
82. The method of Claim 57, further comprising the steps of:  
indicating to said called party that a message has been received;  
accepting a password entered by said called party into said portable communication device; and  
providing at least said voice signal caller identification data to said called party only upon entry of a valid password.
83. The method of Claim 57, wherein said portable communication device comprises a portable computing device having radio communications capabilities.
84. The method of Claim 83, wherein said portable computing device comprises a personal digital assistant.



85. The method of Claim 83, wherein said portable computing device has two-way radio communications capabilities.

86. A method of communicating information from a calling party to a called party comprising the steps of:

providing a portable communication device to said called party which is identified in a paging network;

initiating communication between said calling party and a telephone answering apparatus through the telephone network;

receiving caller identification data automatically supplied from said telephone network to said telephone answering apparatus;

applying said caller identification data received to a voice synthesizer unit to generate voice signals representative of said caller identification data at said telephone answering apparatus;

transmitting said voice signals representative of said caller identification data from said telephone answering apparatus to said paging network; and

receiving said voice signals representative of said caller identification data transmitted from said paging network at said portable communication device.

87. The method of Claim 86, wherein said voice signals representative of said caller identification data are transmitted from said telephone answering apparatus to said paging network over a direct connection.

88. The method of Claim 86, wherein said voice signals representative of said caller identification data are transmitted from said telephone answering apparatus to said paging network over said telephone network.

89. The method of Claim 86, wherein said caller identification data automatically supplied from the telephone network comprises numeric data.

90. The method of Claim 86, wherein said caller identification data automatically supplied from said telephone network comprises alphanumeric data.

91. The method of Claim 86, wherein said caller identification data automatically supplied from said telephone network comprises FSK data.

92. The method of Claim 86, wherein said caller identification data automatically supplied from said telephone network comprises ISDN data.

93. The method of Claim 86, wherein said voice signals representative of said caller identification data are compressed prior to said step of receiving at said portable communication device.

94. The method of Claim 86, wherein said voice signals representative of said caller identification data are encrypted prior to said step of receiving at said portable communication device.

95. The method of Claim 86, wherein said step of transmitting voice signals representative of caller identification data includes verification from the calling party prior to transmission to said paging network.

96. The method of Claim 86, wherein said step of transmitting voice signals representative of said caller identification data includes the entry of optional data from the calling party prior to transmission to said paging network.

97. The method of Claim 96, wherein said optional data is comprised of at least one of a voice, video, image or textual message.

98. The method of Claim 97, wherein said optional data is compressed prior to said step of receiving at said portable communication device.

99. The method of Claim 97, wherein said optional data is encrypted prior to said step of receiving at said portable communication device.

100. The method of Claim 96, wherein said optional data is comprised of a voice or video message which is transmitted to said portable communication device with said voice signals representative of caller identification data.

101. The method of Claim 100, wherein said optional data is compressed prior to said step of receiving at said portable communication device.

102. The method of Claim 100, wherein said optional data is encrypted prior to said step of receiving at said portable communication device.

103. The method of Claim 86, wherein said telephone answering apparatus comprises a personal computer, and wherein said voice synthesizer unit comprises a DSP.

104. The method of Claim 96, further comprising the steps of:

storing said voice signal caller identification data and said optional data in contiguous memory locations in said telephone answering apparatus.

105. The method of Claim 96, comprising the step of:

storing said voice signal caller identification data and said optional data in associated non-contiguous memory locations in said telephone answering apparatus.

106. The method of Claim 96, further comprising the steps of:

storing said voice signals representative of caller identification data and said optional data in contiguous memory locations in at least one of said paging network and said personal communication device.

107. The method of Claim 96, further comprising the steps of:

storing said voice signals representative of caller identification data and said optional data in non-contiguous memory locations in at least one of said paging network and said personal communication device.

108. The method of Claim 86, wherein said telephone answering apparatus, after receiving said caller identification data, initiates a call to said paging network utilizing said telephone network.

109. The method of Claim 108, wherein said telephone answering apparatus includes at least two lines connected to said telephone network, and wherein said call to said paging network is initiated before said calling party hangs up.

110. The method of Claim 86, wherein said telephone answering apparatus compares said received caller identification data with information stored in an associated memory, and wherein said voice signals representative of said caller identification data are selectively transmitted to said paging network only based upon a result of said comparison.

111. The method of Claim 110, wherein said voice signals representative of said caller identification information are transmitted to said paging network only if said received caller identification data matches an entry in said associated memory.

112. The method of Claim 86, wherein said telephone answering apparatus compares said received caller identification data with information stored in an associated memory, and wherein said voice signals representative of said caller identification data are selectively applied to said voice synthesizer unit and transmitted to said paging network only based upon a result of said comparison.

113. The method of Claim 86, further comprising the step of:

at said portable communication device, annunciating said voice signals representative of said caller identification data.

114. The method of Claim 113, further comprising the step of:

simultaneously displaying said caller identification data on a display of said portable communication device.

115. The method of Claim 86, further comprising the steps of:

within said portable communication device, storing said received voice signals representative of said caller identification data; and

initiating a new connection over said telephone network by transmitting said stored voice signals representative of said caller identification data to said telephone network.

116. The method of Claim 86, further comprising the steps of:

within said portable communication device, storing said received voice signals representative of said caller identification data; and

initiating a new connection over a cellular telephone network by transmitting said stored voice signals representative of said caller identification data to said cellular telephone network.

117. The method of Claim 86, wherein said portable communication device comprises a combined cellular telephone device and pager device.

118. The method of Claim 117, wherein said paging network transmits said voice signals representative of said caller identification data to said portable communication device utilizing a cellular communication network.

119. The method of Claim 86, further comprising the steps of:

indicating to said called party that a message has been received;

accepting a password entered by said called party into said portable communication device; and

providing at least said voice signals representative of said caller identification data to said called party only upon entry of a valid password.

120. The method of Claim 86, wherein said portable communication device comprises a portable computing device having radio communications capabilities.

121. The method of Claim 120, wherein said portable computing device comprises a personal digital assistant.

122. The method of Claim 120, wherein said portable computing device has two-way radio communications capabilities.

123. A method of communicating information from a calling party to a called party comprising the steps of:

providing a portable communication device to said called party which is identified in a paging network;

initiating communication between said calling party and a telephone answering apparatus through the telephone network;

receiving caller identification data automatically supplied from said telephone network to said telephone answering apparatus;

transmitting said caller identification data from said telephone answering apparatus to said paging network utilizing said telephone network;

applying said caller identification data to a voice synthesizer unit to generate voice signals representative of said caller identification data at said paging network;

receiving said voice signals representative of said caller identification data transmitted from said paging network at said portable communication device.

124. The method of Claim 123, wherein said caller identification data is transmitted from said telephone answering apparatus to said paging network over a direct connection.

125. The method of Claim 123, wherein said caller identification data is transmitted from said telephone answering apparatus to said paging network over said telephone network.

126. The method of Claim 123, wherein said caller identification data automatically supplied from the telephone network comprises numeric data.

127. The method of Claim 123, wherein said caller identification data automatically supplied from said telephone network comprises alphanumeric data.

128. The method of Claim 123, wherein said caller identification data automatically supplied from said telephone network comprises FSK data.

129. The method of Claim 123, wherein said caller identification data automatically supplied from said telephone network comprises ISDN data.

130. The method of Claim 123, wherein said step of transmitting said caller identification data from said telephone answering apparatus to said paging network is performed using DTMF signaling.

131. The method of Claim 123, wherein said voice signals representative of said caller identification data are compressed prior to said step of receiving at said portable communication device.

132. The method of Claim 123, wherein said voice signals representative of said caller identification data are encrypted prior to said step of receiving at said portable communication device.

133. The method of Claim 123, wherein said step of transmitting said caller identification data includes verification from the calling party prior to transmission to said paging network.

134. The method of Claim 123, wherein said step of transmitting said caller identification data includes the entry of optional data from the calling party prior to transmission to said paging network.

135. The method of Claim 134, wherein said optional data is comprised of at least one of a voice, video, image or textual message.

136. The method of Claim 135, wherein said optional data is compressed prior to said step of receiving at said portable communication device.

137. The method of Claim 135, wherein said optional data is encrypted prior to said step of receiving at said portable communication device.

138. The method of Claim 134, wherein said optional data is comprised of a voice or video message which is transmitted to said portable communication device with said voice signals representative of caller identification data.

139. The method of Claim 138, wherein said optional data is compressed prior to said step of receiving at said portable communication device.

140. The method of Claim 138, wherein said optional data is encrypted prior to said step of receiving at said portable communication device.

141. The method of Claim 134, further comprising the steps of:

storing said voice signals representative of said caller identification information and said optional data in contiguous memory locations in said portable communication device.

142. The method of Claim 134, comprising the step of:

storing said voice signals representative of said caller identification information and said optional data in associated non-contiguous memory locations in said portable communication device.

143. The method of Claim 123, wherein said telephone answering apparatus, after receiving said caller identification data, initiates a call to said paging network utilizing said telephone network.

144. The method of Claim 143, wherein said telephone answering apparatus includes at least two lines connected to said telephone network, and wherein said call to said paging network is initiated before said calling party hangs up.

145. The method of Claim 123, wherein said telephone answering apparatus compares said received caller identification data with information stored in an associated memory, and wherein said caller identification data is selectively transmitted to said paging network only based upon a result of said comparison.

146. The method of Claim 145, wherein said caller identification data is transmitted to said paging network only if said received caller identification data matches an entry in said associated memory.

147. The method of Claim 123, further comprising the step of:

at said portable communication device, annunciating said voice signals representative of said caller identification data.

148. The method of Claim 147, further comprising the step of:

simultaneously displaying said caller identification data on a display of said portable communication device.

149. The method of Claim 123, further comprising the steps of:

within said portable communication device, storing said received voice signals representative of said caller identification data; and

initiating a new connection over said telephone network by transmitting said stored voice signals representative of said caller identification data to said telephone network.

150. The method of Claim 123, further comprising the steps of:

within said portable communication device, storing said received voice signals representative of said caller identification data; and

initiating a new connection over a cellular telephone network by transmitting said stored voice signals representative of said caller identification data to said cellular telephone network.

151. The method of Claim 123, wherein said portable communication device comprises a combined cellular telephone device and pager device.



152. The method of Claim 151, wherein said paging network transmits said voice signals representative of said caller identification data to said portable communication device utilizing a cellular communication network.

153. The method of Claim 123, further comprising the steps of:

indicating to said called party that a message has been received;

accepting a password entered by said called party into said portable communication device; and

providing at least said voice signals representative of said caller identification data to said called party only upon entry of a valid password.

154. The method of Claim 123, wherein said portable communication device comprises a portable computing device having radio communications capabilities.

155. The method of Claim 154, wherein said portable computing device comprises a personal digital assistant.

156. The method of Claim 154, wherein said portable computing device has two-way radio communications capabilities.

157. A method of communicating information from a calling party to a called party comprising the steps of:

providing a portable communication device to said called party which is identified in a paging network;

initiating communication between said calling party and a telephone answering apparatus through the telephone network;

receiving caller identification data automatically supplied from said telephone network to said telephone answering apparatus;

transmitting said caller identification data from said telephone answering apparatus to said paging network utilizing said telephone network;

receiving said caller identification data transmitted from said paging network at said portable communication device, and

applying said caller identification data to a voice synthesizer unit to generate voice signals representative of said caller identification data at said portable communication device.

158. The method of Claim 157, wherein said caller identification data is transmitted from said telephone answering apparatus to said paging network over a direct connection.

159. The method of Claim 157, wherein said caller identification data is transmitted from said telephone answering apparatus to said paging network over said telephone network.

160. The method of Claim 157, wherein said caller identification data automatically supplied from the telephone network comprises numeric data.

161. The method of Claim 157, wherein said caller identification data automatically supplied from said telephone network comprises alphanumeric data.

162. The method of Claim 157, wherein said caller identification data automatically supplied from said telephone network comprises FSK data.

163. The method of Claim 157, wherein said caller identification data automatically supplied from said telephone network comprises ISDN data.

164. The method of Claim 157, wherein said step of transmitting said caller identification data from said telephone answering apparatus to said paging network is performed using DTMF signaling.

165. The method of Claim 157, wherein said step of transmitting said caller identification data includes verification from the calling party prior to transmission to said paging network.

166. The method of Claim 157, wherein said step of transmitting said caller identification data includes the entry of optional data from the calling party prior to transmission to said paging network.

167. The method of Claim 157, wherein said optional data is comprised of at least one of a voice, video, image or textual message.

168. The method of Claim 167, wherein said optional data is compressed prior to said step of receiving at said portable communication device.

169. The method of Claim 167, wherein said optional data is encrypted prior to said step of receiving at said portable communication device.

170. The method of Claim 166, wherein said optional data is comprised of a voice or video message which is transmitted to said portable communication device with said caller identification data.

171. The method of Claim 170, wherein said optional data is compressed prior to said step of receiving at said portable communication device.

172. The method of Claim 170, wherein said optional data is encrypted prior to said step of receiving at said portable communication device.

173. The method of Claim 166, further comprising the steps of:

storing said caller identification information and said optional data in contiguous memory locations in said portable communication device.

174. The method of Claim 166, comprising the step of:

storing said caller identification information and said optional data in associated non-contiguous memory locations in said portable communication device.

175. The method of Claim 157, wherein said telephone answering apparatus, after receiving said caller identification data, initiates a call to said paging network utilizing said telephone network.

176. The method of Claim 175, wherein said telephone answering apparatus includes at least two lines connected to said telephone network, and wherein said call to said paging network is initiated before said calling party hangs up.

177. The method of Claim 157, wherein said telephone answering apparatus compares said received caller identification data with information stored in an associated memory, and wherein said caller identification data is selectively transmitted to said paging network only based upon a result of said comparison.

178. The method of Claim 177, wherein said caller identification data is transmitted to said paging network only if said received caller identification data matches an entry in said associated memory.

179. The method of Claim 157, further comprising the step of:

at said portable communication device, annunciating said voice signals representative of said caller identification data.

180. The method of Claim 179, further comprising the step of:

simultaneously displaying said caller identification data on a display of said portable communication device.

181. The method of Claim 157, further comprising the steps of:

within said portable communication device, storing said voice signals representative of said caller identification data; and

initiating a new connection over said telephone network by transmitting said stored voice signals representative of said caller identification data to said telephone network.

182. The method of Claim 157, further comprising the steps of:

within said portable communication device, storing said voice signals representative of said caller identification data; and

initiating a new connection over a cellular telephone network by transmitting said stored voice signals representative of said caller identification data to said cellular telephone network.

183. The method of Claim 157, wherein said portable communication device comprises a combined cellular telephone device and pager device.

184. The method of Claim 183, wherein said paging network transmits said caller identification data to said portable communication device utilizing a cellular communication network.

185. The method of Claim 157, further comprising the steps of:

indicating to said called party that a message has been received;

accepting a password entered by said called party into said portable communication device; and

providing at least said voice signals representative of said caller identification data to said called party only upon entry of a valid password.

186. The method of Claim 157, wherein said portable communication device comprises a portable computing device having radio communications capabilities.

187. The method of Claim 186, wherein said portable computing device comprises a personal digital assistant.

188. The method of Claim 186, wherein said portable computing device has two-way radio communications capabilities.